



**Customer Number 23446**  
**Docket No. 14923US02/100-266**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**PATENT APPLICATION TRANSMITTAL**

**Mail Stop Patent Application**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**



Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s):	Marc D. Better	Arnold H. Horwitz
	249 Sheridan Road	2720 Lakeview Drive
	Oakland, CA 94618	San Leandro, CA 94577

Title: HUMAN ENGINEERED ANTIBODIES TO EP-CAM

**1. Type of Application:**

- ☒ This is a new application for a
  - ☒ utility patent.
  - ☐ design patent.

**2. Application Papers Enclosed**

- 1 Title Page
- 102 Pages of Specification (excluding Claims, Abstract & Drawings)
- 4 Page(s) of Claims (Claims 1 – 38)
- 1 Page(s) of Abstract
- 21 Sheet(s) of Drawings (Figs. 1 to 20)
  - ☒ Formal
  - ☐ Informal
- 56 Page(s) of Sequence Listing

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**EXPRESS MAIL NO. EV 326569490 US**

**DATE OF MAILING: March 31, 2004**

**3. Declaration or Oath**

- ☐ Enclosed - unexecuted
  - ☐ Executed by (check all applicable boxes)
    - ☐ Inventor(s)
    - ☐ Legal representative of inventor(s)  
(37 CFR §1.42 or §1.43)
    - ☐ Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached
      - ☐ The petition required by 37 CFR §1.47 and the statement required by 37 CFR §1.47 are enclosed. See Item 6D below for fee.
- ☒ Not enclosed - the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

**4. Additional Papers Enclosed**

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☒ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence and Statement Under 37 C.F.R. §1.821
- ☒ Paper Copy of the Sequence Listing
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☐ An assignment of the invention
- ☐ Other

**5. Priority Applications Under 35 USC §119(e)**

This application claims priority under 35 USC §119(e) from the following U.S. Provisional Application(s):

COUNTRY	APPLICATION NO.	FILED
US	60/459,334	March 31, 2003

6. **Filing Fee Calculation (37 CFR §1.16)**

A. ☒ **Utility Application**

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$ 385.00		\$770.00
TOTAL	38-20	= 18	X 9 =	\$ 162.00	X 18 =	\$
INDEP.	3-3	= 0	X 43 =	\$	X 86 =	\$
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 145 =	\$ 145.00	+ 280 =	
Filing Fee:				\$ 692.00	OR	\$

B. ☐ **Design Application (\$170.00/\$340.00)**

Filing Fee: \$ \_\_\_\_\_

C. ☐ **Plant Application (\$265.00/\$530.00)**

Filing Fee: \$ \_\_\_\_\_

D. **Other Fees**

☐ **Recording Assignment**

[Fee – \$40.00 per assignment] \$ \_\_\_\_\_

☐ **Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached [Fee – \$130.00]**

\$ \_\_\_\_\_

☐ **Other**

\$ \_\_\_\_\_

**Total Fees Enclosed** \$ \_\_\_\_\_

**7. Method of Payment of Fees:**

- ☒ Enclosed check in the amount of: \$ 385.00
- ☐ Charge Deposit Account No. 13-0017  
in the amount of:
- ☐ Not enclosed \$ \_\_\_\_\_

**8. Deposit Account and Refund Authorization**

- ☒ The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR §1.16 or 37 CFR §1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-0177.
- ☐ Please refund any overpayment to McANDREWS, HELD & MALLOY, Ltd.  
at the address below.

Please direct all future communications to Janet M. McNicholas, Ph.D. at the address below:

Respectfully submitted,

Dated: March 31, 2004



Janet M. McNicholas, Ph.D.  
Reg. No: 32,918

McAndrews, Held & Malloy, Ltd.  
500 West Madison Street, 34<sup>th</sup> Floor  
Chicago, Illinois 60661  
Telephone: (312) 775-8000  
Facsimile: (312) 775-8100